



February 1, 2005

Re: Applicant(s): Fabrikant et al.

Assignee: KLA-Tencor Corporation

Title: IMPROVED SYSTEM FOR SCATTEROMETRIC
MEASUREMENTS AND APPLICANTS

Application No.: 09/671,715 Filing Date: Sept. 27, 2000

Examiner: Zandra V. Smith Group Art Unit: 2877

Docket No.: TNCR.188US0 Conf. No.: 6087

Mail Stop Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Return Receipt Postcard;
- (2) This Transmittal Letter (1 page);
- (3) Amendment (40 pages).

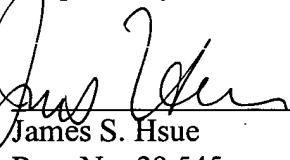
Please charge any additional fees required and credit any overpayment to our
Deposit Account No. 502664.

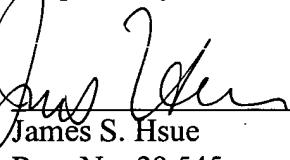
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I hereby certify that this correspondence is being
deposited with the United States Postal Service with sufficient
postage as first class mail in an envelope address to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA
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Franklin Dyer

Respectfully submitted,

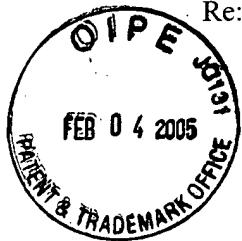

James S. Hsue
Reg. No. 29,545


2/1/05
Date

AF/2877 JFW

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



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AMENDMENT

Dear Madame:

This will respond to the Office Action mailed on November 2, 2004, setting a period for response expiring on February 2, 2005.